

REMARKS

The foregoing Amendment after Final and the following remarks are submitted in response to the Final Office Action issued on June 1, 2005 in connection with the above-identified patent application, and are being filed within the first month after the three-month shortened statutory period set for a response by the Office Action.

Claims 1, 2, 9, 10, 14, 15, 19, 20, 24, 25, 29, and 30 are pending in the present application. Claims 6-8 have been canceled. Independent claim 1 has been amended to include the subject matter of now-canceled claims 6 and 8, and all other independent claims have been similarly amended. Applicants respectfully request entry of the Amendment after Final inasmuch as the Amendment is believed to place the application in condition for allowance and should not require any further searching on the part of the Examiner. Applicants submit that no new matter has been added to the application by the Amendment.

Applicants again request reconsideration and withdrawal of the rejection of the claims consistent with the following remarks.

The Examiner has rejected the claims under 35 USC § 103(a) as being obvious over Yoshiura (U.S. Patent No. 6,157,720) in view of Watney (U.S. Patent No. 5,930,398). Applicants respectfully traverse the § 103(a) rejection.

Independent claim 1 recites a computer system for receiving encrypted compressed content and for producing decrypted decompressed content based on the received encrypted compressed content. In the recited system as amended, a decryption element develops a content key and decrypts the content based at least in part on the developed content key, and a decompression element included within the decryption element decompresses the content based at least in part on the content key. Notably, the decryption

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The foregoing Amendment and the following Remarks are submitted in response to the Office Action issued on November 10, 2005 in connection with the above-identified patent application, and are being filed within the first month after the three-month shortened statutory period set for a response by the Office Action.

Claims 1, 2, 9, 10, 14, 15, 19, 20, 24, 25, 29, and 30 remain pending in the present application. Independent claim 1 has been amended to correct a minor matter and to further recite the present invention, and all other independent claims have been similarly amended. Applicants submit that no new matter has been added to the application by the Amendment.

Applicants again request reconsideration and withdrawal of the rejection of the claims consistent with the following remarks.

The Examiner has rejected independent claims 1, 9, 14, 19, 24, and 29 under 35 USC § 112, second paragraph for the reason that 'a number of adjustable parameters' is believed to be indefinite. Accordingly, Applicants have amended the term to be - - a plurality of adjustable parameters - - . Accordingly, Applicants respectfully request reconsideration and withdrawal of the § 112, second paragraph rejection.

The Examiner has again rejected the claims under 35 USC § 103(a) as being obvious over Yoshiura (U.S. Patent No. 6,157,720) in view of Watney (U.S. Patent No. 5,930,398). Applicants respectfully traverse the § 103(a) rejection.

Independent claim 1 recites a computer system for receiving encrypted compressed content and for producing decrypted decompressed content based on the received encrypted compressed content. In the recited system as amended, a decryption element

develops a content key and decrypts the content based at least in part on the developed content key, and a decompression element included within the decryption element decompresses the content based at least in part on the content key. Notably, the decryption element supplies the content key to the included decompression element.. Thus, and as was previously pointed out, the content key is employed to decrypt the content and also to decompress the content. In particular, the decompression element has a plurality of adjustable parameters and employs the content key as at least one of the adjustable parameters. More particularly, the decompression element includes a quantizer for performing a lossy quantization step, and the quantizer is de-dithered according to the content key. In addition, the decompression element includes an internal representation that includes DCT coefficients of macroblocks, and such coefficients are de-scrambled and de-noised according to the content key.

Independent claim 9 recites subject matter similar to that of claim 1, albeit in the form of a computer system for encrypting and compressing. Independent claim 14 recites subject matter similar to that of claim 1, albeit in the form of a method for decrypting and decompressing. Independent claim 19 recites subject matter similar to that of claim 1, albeit in the form of a method for encrypting and compressing. Independent claim 24 recites subject matter similar to that of claim 1, albeit in the form of a computer readable medium with instructions thereon for decrypting and decompressing. Finally, independent claim 29 recites subject matter similar to that of claim 1, albeit in the form of a computer readable medium with instructions for encrypting and compressing.

Thus, and as was previously pointed out, the invention as recited in the independent claims of the present application employs a content key both to encrypt / decrypt

content and to compress / decompress the content, and in particular compresses / decompresses the content by way of a quantizer performing a lossy quantization, and also according to macroblocks, coefficients of which are scrambled / de-scrambled and noised / de-noised according to the content key. As a result, without the content key, neither such encryption / decryption nor such compression / decompression may be performed.

Thus, the present invention essentially requires that encryption / decryption and compression / decompression be performed in a unitary manner such that both are based at least in part on the content key. Accordingly, compressed content is essentially gibberish to a content thief unless such content thief has the content key (KD) to be employed during decompression of such compressed content.

As was previously noted, the Yoshiura reference discloses a system that both encrypts / decrypts content and compresses / decompresses the content based on a work key 116 (Fig. 1). However, and as the Examiner concedes, the Yoshiura compression / decompression is not based on a quantizer performing a lossy quantization, as is required by the claims of the present application. Nevertheless, the Examiner continues by pointing to the Watney reference as disclosing such a quantizer.

However, Applicants respectfully point out that neither the Yoshiura nor the Watney reference discloses or suggests compressing / decompressing the content by way of a quantizer performing a lossy quantization, and also according to macroblocks, coefficients of which are scrambled / de-scrambled and noised / de-noised according to the content key, as is required by the claims of the present application.

Thus, Applicants respectfully submit that the Yoshiura and Watney references cannot be combined to make obvious the subject matter recited in the claims as amended.

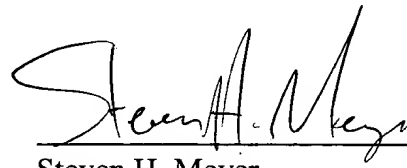
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Accordingly, Applicants respectfully request reconsideration and withdrawal of the section 103(a) rejection.

In view of the foregoing, Applicants respectfully submit that the present application including claims 1, 2, 9, 10, 14, 15, 19, 20, 24, 25, 29, and 30 is in condition for allowance, and such action is respectfully requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Steven H. Meyer", is written over a horizontal line.

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